

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number 1985

TO: Jana Hines

Location: rem/3b29/3c18

Art Unit: 1645

Tuesday, April 19, 2005

Case Serial Number: 10/873768

From: Edward Hart

Location: Biotech-Chem Library

REM-1A55

Phone: 571-272-2512

edward.hart@uspto.gov

Search Notes

Examiner Hines,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

Edward Hart



STIC-Biotech/ChemLib

From:

Hines, Ja-Na

Sent:

Monday, April 18, 2005 1:03 PM

To: Subject: STIC-Biotech/ChemLib Sequence Request

Good Afternoon,

I would like to request a sequence search for case 10/873,768. The sequence may be found in related case 09/709,201. I would like to request that SEQ ID NO:101 be searched. I would also like to request an inventor search. The inventors are William M. Mitchell and Charles W. Stratton.

Thanks so much!!!

Ja-Na Hines (76048) Office: Rem 3B29 Mailbox: Rem 3C18 571-272-0859

AU: 1645

seys 101-13,

STAFF USE ONLY

Searcher:_

Searcher Phone: 2-

Date Searcher Picked up)

Date Completed:_

Searcher Prep/Rev. Time:

Online Time:_

Type of Search

AA#:

NA#:

Interference: SPDI:

Oligomer: S/L:_ Encode/Transl:

Structure#:_

Inventor:____ Litigation:_

Vendors and cost where applicable

STN:)

DIAŁÓG:

QUESTEL/ORBIT: LEXIS/NEXIS:

SEQUENCE SYSTEM WWW/Internet:

Other(Specify):_

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FILE COVERS 1907 - 19 Apr 2005 VOL 142 ISS 17 FILE LAST UPDATED: 18 Apr 2005 (20050418/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 08:56:10 ON 19 APR 2005) SET COST OFF

FILE 'HCAPLUS' ENTERED AT 08:56:21 ON 19 APR 2005

E MITCHELL W/AU

L1 150 S E3, E23-E24, E92, E94, E95

E STRATTON C/AU

L2 66 S E3,E10,E15

L310 L1 AND L2

FILE 'HCAPLUS' ENTERED AT 09:00:05 ON 19 APR 2005

=> d ibib abs 13 tot

ANSWER 1 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER:

2004:240412 HCAPLUS

DOCUMENT NUMBER:

140:247093

TITLE:

Methods using antichlamydial agents and agents increasing inducible nitric oxide synthase (iNOS) activity in the treatment of multiple sclerosis

INVENTOR(S):

Stratton, Charles W.; Mitchell, William

M.; Sriram, Subramaniam

PATENT ASSIGNEE(S):

Vanderbilt University, USA

SOURCE:

U.S., 42 pp., Cont.-in-part of U.S. 6,579,854.

CODEN: USXXAM

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO.

```
US 6710033
                                20040323
                          R1
                                             US 2000-528348
                                                                    20000317
     US 2002009802
                                 20020124
                                            US 1998-25174
                          A1
                                                                    19980218
     US 6562582
                          B2
                                 20030513
     US 6579854
                          В1
                                 20030617
                                             US 1998-73661
                                                                    19980506
     WO 2000057187
                          A2
                                 20000928
                                            WO 2000-US7226
                                                                    20000317
     WO 2000057187
                          A3
                                 20010419
             AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
             CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,
             IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
             MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,
             SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     US 2003223959
                          A1
                                20031204
                                            US 2003-419034
                                                                    20030417
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     US 2005042690
                                 20050224
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                                                                    20040622
                                                                 P 19960814
PRIORITY APPLN. INFO.:
                                             US 1996-23921P
                                                                 A2 19970814
                                            US 1997-911593
                                             US 1998-25174
                                                                 A2 19980218
                                             US 1998-73661
                                                                 A2 19980506
                                             US 1999-125598P
                                                                 Ρ
                                                                    19990319
                                             US 2000-176662P
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                                                                    20000118
                                            US 2000-176784P
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                                             US 2000-176940P
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                                                                    20000118
                                                                 Ρ
                                            US 1997-45689P
                                                                    19970506
                                            US 1997-45739P
                                                                 Ρ
                                                                    19970506
                                            US 1997-45779P
                                                                 Ρ
                                                                    19970506
                                            US 1997-45780P
                                                                Ρ
                                                                    19970506
                                            US 1997-45787P
                                                                P 19970506
                                            US 1998-25176
                                                                 A2, 19980218
                                            US 1998-25521
                                                                 B2 19980218
                                            US 2000-528348
                                                                 A 20000317
                                            US 2000-709201
                                                                 A1 20001108
     The invention features methods and reagents for the diagnosis, monitoring,
AB
     and treatment of multiple sclerosis. The invention is based in part on
     the discovery that Chlamydia is present in patients with multiple
     sclerosis, and that antichlamydial agents improve or sustain neurol.
     function in these patients. The methodol. of the invention also uses an
     agent that increases iNOS activity.
REFERENCE COUNT:
                         62
                               THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
                         2003:466677 HCAPLUS
ACCESSION NUMBER:
DOCUMENT NUMBER:
                         139:47120
TITLE:
                         Diagnosis and management of infection caused by
                         Chlamydia
INVENTOR (S):
                         Mitchell, William M.; Stratton, Charles
                         W.
PATENT ASSIGNEE(S):
                         Vanderbilt University, USA
SOURCE:
                         U.S., 74 pp., Cont.-in-part of U.S. Ser. No. 25,521,
                         abandoned.
                         CODEN: USXXAM
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         English
FAMILY ACC. NUM. COUNT:
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PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE				
US 6579854	B1	20030617	US 1998-73661		19980506				
US 2001002421	A1	20010531	US 1998-25176		19980218				
US 6258532	B2	20010710							
US 2002009802	A 1	20020124	US 1998-25174		19980218				
US 6562582	B2	20030513							
ZA 9803798	Α	20000307	ZA 1998-3798		19980506				
US 6710033	B1	20040323	US 2000-528348		20000317				
US 6838552	B1	20050104	US 2000-709201		20001108				
US 2003171348	A1	20030911	US 2002-100785		20020319				
US 6664239	B2	20031216							
US 2003195184	A1	20031016	US 2002-101279		20020319				
US 6756369	B2	20040629							
US 2003223959	A1	20031204	US 2003-419034		20030417				
US 2005042690	A1	20050224	US 2004-873768		20040622				
PRIORITY APPLN. INFO.:			US 1996-23921P	Р	19960814				
			US 1997-45689P	P	19970506				
			US 1997-45739P	P	19970506				
			US 1997-45779P	P	19970506				
			US 1997-45780P	P	19970506				
			US 1997-45787P	Р	19970506				
			US 1997-911593		19970814				
			US 1998-25174		19980218				
•			US 1998-25176		19980218				
			US 1998-25521		19980218				
			US 1997-45784P	P	19970506				
			US 1998-73661		19980506				
			US 1999-125598P	P	19990319				
			US 2000-176662P	Р	20000118				
			US 2000-176784P	Р	20000118				
			US 2000-176940P	Р	20000118				
			US 2000-528348		20000317				
			US 2000-709201	A1	20001108				

AB The present invention provides a unique approach for the diagnosis and management of infections by Chlamydia species, particularly C. pneumoniae. The invention is based, in part, upon the discovery that a combination of agents directed toward the various stages of the chlamydial life cycle is effective in substantially reducing infection. Products comprising combination of antichlamydial agents, novel compns. and pharmaceutical packs are also described. The invention further relates to various methods of identifying cells containing a cryptic form of a Chlamydia species. Specifically, primers and probes targeted to C. pneumoniae cysteine-rich major outer membrane protein (MOMP) gene are used in the susceptibility test for detecting the presence or absence of chlamydial DNA, especially in cryptic forms and/or elementary bodies, which are viable, yet are not replicating. In addition, various immunoassays targeted to MOMP are also provided. The susceptibility of cryptic C. pneumoniae to various antibiotics or their combinations is also studied in great details in cultured cells and infected mice. The invention also pertains to a method for detecting chlamydial porphyria caused by Chlamydia species in patients.

REFERENCE COUNT:

32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:65982 HCAPLUS

DOCUMENT NUMBER:

136:133602

TITLE:

Identification of antigenic peptide sequences

INVENTOR(S): Mitchell, William M.; Stratton, Charles

W.

PATENT ASSIGNEE(S): Vanderbilt University, USA

SOURCE: U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 911,593,

abandoned.
CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE ·
US 6340463	B1	20020122	US 1998-25596	19980218
US 2003175310	A1	20030918	US 2001-20269	20011214
US 2005042690	A1	20050224	US 2004-873768	20040622
PRIORITY APPLN. INFO.:			US 1996-23921P F	19960814
			US 1997-911593 E	2 19970814
			US 1998-25521 E	1 19980218
			US 1998-25596 A	1 19980218
			US 2000-709201 A	1 20001108

AB Identification of linear amino acid antigenic sequences for the production of both polyclonal and monoclonal antibodies to defined antigenic domains is described. Also described are antigenic peptides identified by the described methods and antibodies thereto.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:402689 HCAPLUS

DOCUMENT NUMBER: 136:100943

TITLE: CSF oligoclonal bands in MS include antibodies against

Chlamydophila antigens

AUTHOR(S): Yao, Song-Yi; Stratton, Charles W.;

Mitchell, William M.; Sriram, Subramaniam

CORPORATE SOURCE: Departments of Neurology, Vanderbilt University School

of Medicine, Nashville, TN, 37212, USA

SOURCE: Neurology (2001), 56(9), 1168-1176

CODEN: NEURAI; ISSN: 0028-3878

PUBLISHER: Lippincott Williams & Wilkins

DOCUMENT TYPE: Journal LANGUAGE: English

Background: Considerable evidence suggests the role of an infectious agent in MS. The presence of Chlamydophila pneumoniae in CSF from patients with MS was shown earlier; to further examine this association the reactivity of the oligoclonal antibody response in the CSF of patients with MS to C pneumoniae antigens was determined and compared with other antigens. Seventeen patients with MS and 14 control subjects with other neurol. disease were studied. Affinity-driven immunoblot studies and solid-phase adsorption of CSF oligoclonal bands by elementary body antigens of C pneumoniae, viral antigens (measles and herpes simplex virus-1), bacterial antigen (Escherichia coli and Staphylococcus aureus), and heat shock protein-60 were performed. Results: Affinity-driven immunoblot studies demonstrated reactivity of oligoclonal bands in CSF samples from 16 patients with MS against elementary body antigens of C pneumoniae. None of the control subjects showed a prominent reactivity to elementary body antigens of C pneumoniae. In 14 of 17 patients with MS examined, oligoclonal bands were adsorbed either partially or completely from the CSF by elementary body antigens of C pneumoniae, but not by myelin basic

protein, heat shock protein-60, or bacterial or viral antigens. patients with subacute sclerosing panencephalitis, adsorption of oligoclonal bands was seen with measles virus antigens but not with elementary body antigens of C pneumoniae. Conclusions: Oligoclonal bands in CSF of patients with MS include antibodies against Chlamydophila antigens.

REFERENCE COUNT:

48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN L3

ACCESSION NUMBER:

2001:397834 HCAPLUS

DOCUMENT NUMBER:

135:2559

TITLE:

Methods for in vitro susceptibility testing of

U.S. Pat. Appl. Publ., 9 pp., Cont.-in-part of U.S.

Chlamydia

INVENTOR(S):

Stratton, Charles W.; Mitchell, William

M.

PATENT ASSIGNEE(S):

USA

SOURCE:

Ser. No. 911,593, abandoned.

CODEN: USXXCO

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

	PATENT NO.										DATE							
US	2001 6258	0024	21			2		0531						19980218				
CA	2289 9850	228			AA		20010710 19981112 CA 1998-2289228 19981112 WO 1998-US9237						228 37	19980506 19980506				
WO	9850				A 3		1999	0819										
	₩:	EE, KR,	ES, KZ,	FI, LC,	GB, LK,	GE, LR,	GH, LS,	GM, LT,	GW, LU,	HU, LV,	ID, MD,	IL, MG,	IS, MN,	JP, MW,	KE MX	DE, KG, NO, UA,	KP, NZ,	
	RW:	GH,	GM,	KE,	LS,	MW,	SD,	SZ,	UG,	ZW,		BE,	CH,	CY,	DE	, DK, , CG,	-	
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AU	9872										998-	7289	9			19980	506	
	7463																	
EP	9813																	
	R:			CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE	, MC,	PT,	
TD	2002	IE,			m a	,	2002	0400		TD 1	000	- 404	4.0				506	
	2002 6579				B1											L9980 L9980		
	2003															20020		
	6756				B2			0629		05 2	.002	1012	, ,		•	20020	317	
US	2005	0426	90		A1	2	2005	0224		US 2	004-	87376	68			20040	622	
PRIORIT	2005 Y APP	LN.	INFO	. :						US 1	997-	9115	93	1	B2 :	19970	814	
,									1	US 1	996-	2392	1 P]	P :	19960	814	
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									1	US 1	.998-:	±3/0 25174	, <u>r</u> 4	, ,	Α :	19970 19970 19980	218	

US 1998-25176 A 19980218 US 1998-25521 A 19980218 US 1998-73661 A1 19980506 WO 1998-US9237 W 19980506 US 2000-709201 A1 20001108

AB Methods for determining the susceptibility of intracellular pathogens, particularly Chlamydia, to single or combination of test agents are described. The methods can be used for in vitro or in vivo evaluation of agents that can be used as therapeutic agents in the treatment/eradication of pathogen infection in general or to target a specific infected organ. Assays which utilize nucleic amplification techniques (e.g., PCR) to determine effectiveness of the agent(s) evaluated are also described.

ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN 1.3

2001:262877 HCAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER: 135:32584

Regulation by IFN- β of inducible nitric oxide TITLE:

synthase and interleukin-12/p40 in murine macrophages

cultured in the presence of Chlamydia pneumoniae

antigens

AUTHOR (S): Yao, Song-Yi; Ljunggren-Rose, Asa; Stratton,

Charles W.; Mitchell, William M.;

Sriram, Subramaniam

Department of Neurology, Vanderbilt University School of Medicine, Nashville, TN, 37212, USA CORPORATE SOURCE:

Journal of Interferon and Cytokine Research (2001), SOURCE:

21(3), 137-146 CODEN: JICRFJ; ISSN: 1079-9907

PUBLISHER: Mary Ann Liebert, Inc.

Journal DOCUMENT TYPE: English LANGUAGE:

Chlamydia pneumoniae has been demonstrated in the cerebrospinal fluid (CSF) of patients with multiple sclerosis (MS). Interferon- β (IFN- β) has favorable effects on the clin. course of MS. We investigated whether the beneficial effects of IFN- β in MS may involve its role in regulating nitric oxide (NO) and interleukin-12 (IL-12) in macrophages, as these immune modulators form part of the innate immune response to intracellular pathogens, such as C. pneumoniae. Murine macrophages in cultures exposed to elementary body antigens or recombinant major outer membrane protein (rMOMP) of C. pneumoniae demonstrate a significant increase in NO as well as production of IL-12/p40 in culture supernatants compared with basal levels. Addition of murine IFN- β increased NO activity in murine macrophages cultured with chlamydial antigens. Addition of neutralizing anti-IFN- β antibody prevented the NO increase. In contrast to its effect on inducible NO synthase (iNOS), IFN-β reduced induction of IL-12/p40 following culture with either elementary body antigens or rMOMP. Inhibition was reversed with anti-IFN- β antibody. If C. pneumoniae infection is responsible for the inflammatory response in the pathogenesis of MS, the beneficial effects of IFN- β in MS may be due to its enhancing intracellular NO activity while inhibiting secretion of the proinflammatory cytokine, IL-12.

REFERENCE COUNT: THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS 67 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:688466 HCAPLUS

DOCUMENT NUMBER: 133:249334

TITLE: Methods and reagents for the diagnosis and treatment

> Searched by Edward Hart Page 6

of multiple sclerosis caused by Chlamydia Stratton, Charles W.; Mitchell, William INVENTOR(S):

M.; Yao, Song-yi; Bannan, Jason D.;

Ljunggren-Rose, Asa; Sriram, Subramaniam

PATENT ASSIGNEE(S): Vanderbilt University, USA SOURCE: PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATE	ENT NO.	KIND DATE	APPLICATION NO.	DATE			
	2000057187 2000057187		WO 2000-US7226	20000317			
	W: AE, AL, AM CZ, DE, DH IL, IN, IS MA, MD, MC SI, SK, SI	M, AT, AU, AZ, BA, K, DM, DZ, EE, ES, G, JP, KE, KG, KP, G, MK, MN, MW, MX,	BB, BG, BR, BY, CA, CH FI, GB, GD, GE, GH, GN KR, KZ, LC, LK, LR, LS NO, NZ, PL, PT, RO, RU TZ, UA, UG, UZ, VN, YU	M, HR, HU, ID, S, LT, LU, LV, J, SD, SE, SG,			
	RW: GH, GM, KI DK, ES, F: CG, CI, CI	E, LS, MW, SD, SL, I, FR, GB, GR, IE, M, GA, GN, GW, ML,	SZ, TZ, UG, ZW, AT, BE IT, LU, MC, NL, PT, SE MR, NE, SN, TD, TG	E, BF, BJ, CF,			
	R: AT, BE, CI IE, SI, L	H, DE, DK, ES, FR, F, LV, FI, RO	EP 2000-916513 GB, GR, IT, LI, LU, NI	SE, MC, PT,			
	6710033 APPLN. INFO.:		US 2000-528348 US 1999-125598P US 2000-176662P US 2000-176784P	P 19990319 P 20000118 P 20000118			
			US 2000-176940P US 2000-528348 US 1996-23921P US 1997-911593	A 20000317 P 19960814			
AB The	invention feat	tures methods and	US 1998-25174 US 1998-73661 WO 2000-US7226 reagents for the diagno	A2 19980506 W 20000317			

The invention features methods and reagents for the diagnosis, monitoring, and treatment of multiple sclerosis. The invention is based in part on the discovery that Chlamydia is present in patients with multiple sclerosis, and that anti-chlamydial agents improve or sustain neurol. function in these patients.

ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:479177 HCAPLUS

DOCUMENT NUMBER: 131:270389

Chlamydia pneumoniae infection of the central nervous TITLE:

system in multiple sclerosis

Sriram, Subramaniam; Stratton, Charles W.; AUTHOR (S):

Yao, Song-yi; Tharp, Anthony; Ding, Lingmei; Bannan,

Jason D.; Mitchell, William M.

Departments of Neurology, Vanderbilt School of CORPORATE SOURCE:

Medicine, Nashville, TN, 37212, USA

SOURCE: Annals of Neurology (1999), 46(1), 6-14

CODEN: ANNED3; ISSN: 0364-5134

Lippincott Williams & Wilkins PUBLISHER:

Journal DOCUMENT TYPE:

LANGUAGE: English

Our identification of Chlamydia pneumoniae in the cerebrospinal fluid (CSF) of a patient with multiple sclerosis (MS) led us to examine the incidence of this organism in the CSF from 17 patients with relapsing-remitting MS, 20 patients with progressive MS, and 27 patients with other neurol. diseases (OND). CSF samples were examined for C pneumoniae by culture, polymerase chain reaction assays, and CSF Ig (Ig) reactivity with C pneumoniae elementary body antigens. C pneumoniae was isolated from CSF in 64% of MS patients vs. 11% of OND controls. Polymerase chain reaction assays demonstrated the presence of C pneumoniae MOMP gene in the CSF of 97% of MS patients vs. 18% of OND controls. Finally, 86% of MS patients had increased CSF antibodies to C pneumoniae elementary body antigens as shown by ELISA absorbance values that were 3 SD greater than those seen in OND controls. The specificity of this antibody response was confirmed by western blot assays of the CSF, using elementary body antiqens. Moreover, CSF isoelec. focusing followed by western blot assays revealed cationic antibodies against C pneumoniae. Infection of the central nervous system with C pneumoniae is a frequent occurrence in MS patients. Although the organism could represent the pathogenetic agent of MS, it may simply represent a secondary infection of damaged central nervous system tissue. A therapeutic trial directed at eliminating C pneumoniae from the central nervous system may provide addnl. information on its role in MS.

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:752291 HCAPLUS

DOCUMENT NUMBER: 130:10609

TITLE: Diagnosis and management of infection caused by

Chlamydia

INVENTOR(S): Mitchell, William M.; Stratton, Charles

W.

PATENT ASSIGNEE(S): Vanderbilt University, USA SOURCE: PCT Int. Appl., 139 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

PA'	CENT :	NO.			KIN	D	DATE APPLICATION NO.							DATE				
						-												
WO	WO 9850074 A2						1998	1112	1	WO 19	998-1	JS92.	37		19980506			
WO	9850	074			A3		1999	0819										
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		KR,	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MN,	MW,	MX,	NO,	NZ,	
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		CM,	GA,	GN,	ML,	MR,	ΝE,	SN,	TD,	TG								
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US	6258	532			B2		2001	0710										
CA	2289	228			AA		1998	1112		CA 1998-2289228						19980506		
ΑU	9872	899			A1		1998	1127	1	AU 1998-72899					19980506			
AU	7463	81			B2		2002	0418										
ΕP	9813	72			A2		2000	0301		EP 19	998-9	9202	92		19	9980	506	

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TITLE:

Compositions of antichlamydial agents for the diagnosis and management of infection caused by

chlamydia

INVENTOR(S):

Mitchell, William M.; Stratton, Charles

infection by cerebrospinal fluid PCR and culture; treatment with rifampin (300 mg twice a day for 2 mo against the elementary body/reticulate body transition), flagyl (500 mg twice a day for 5 mo against the stationary phase reticulate body), and ofloxacin (for 2 mo) and Bactrim (double strength twice a day) and levaquin (500 mg/day) for 5 mo against the replicating reticulate body resulted in marked improvement in all aspects of neurol. function and an ability to return to work and routine athletic

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PATENT ASSIGNEE(S):

Vanderbilt University, USA; Mitchell, William M.;

Stratton, Charles W. PCT Int. Appl., 83 pp.

SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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               PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US,
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AB The invention provides a unique approach for the diagnosis and management of infections by Chlamydia species, particularly C. pneumoniae. The invention is based, in part, on the discovery that a combination of agents directed toward the various stages of the chlamydial life cycle is effective in substantially reducing infection. Products comprising combination of antichlamydial agents, compns., and pharmaceutical packs are also described.